

CLAIMS

I/We claim:

- [c1] 1. A indicating apparatus combined with a flash, comprising:
at least one LED for providing an indicating function;
a flash module; and
a light guide rod round said flash module, said light guide rod guiding a
light emitted by said at least one LED;
wherein said light guide rod protects said flash module from ESD and an
external force.
- [c2] 2. The indicating apparatus in claim 1, wherein said at least one LED is
is a white LED, a blue LED, a red LED, or the combination thereof.
- [c3] 3. The indicating apparatus in claim 1, further comprising an electrical
apparatus for controlling or adjusting an indicating mode of said at least one LED.
- [c4] 4. The indicating apparatus in claim 3, wherein indicating modes is
updated by said electrical apparatus.
- [c5] 5. The indicating apparatus in claim 1, wherein a material of said light
guide rod is a high transmittance material.
- [c6] 6. The indicating apparatus in claim 5, wherein said high transmittance
material is a UL94V-0, transparent resin, glass, or the combination thereof.
- [c7] 7. The indicating apparatus in claim 6, wherein said transparent resin
is acrylic resin, polycarbonate resin, or epoxy resin.

- [c8] 8. The indicating apparatus in claim 2, wherein said indicating apparatus is assembled in a digital camera for indicating operating conditions of said digital camera by varying a color or an amount of said at least one LED.
- [c9] 9. An image capture apparatus, comprising:
a body;
at least one LED on said body for providing an indicating function;
a light guide rod guiding a light emitted by said at least one LED; and
a flash module on said body;
wherein said light guide rod protects said flash module from ESD and an external force.
- [c10] 10. The image capture apparatus in claim 9, wherein said at least one LED is a white LED, a blue LED, a red LED, a green LED, or the combination thereof.
- [c11] 11. The image capture apparatus in claim 9, wherein said light guide rod is around said flash module.
- [c12] 12. The image capture apparatus in claim 9, wherein a material of said light guide rod is a high transmittance material.
- [c13] 13. The image capture apparatus in claim 12, wherein said high transmittance material is a UL94V-0, transparent resin, glass, or the combination thereof.
- [c14] 14. The image capture apparatus in claim 13, wherein said transparent resin is acrylic resin, polycarbonate resin, or epoxy resin.

- [c15] 15. The image capture apparatus in claim 9, wherein said flash module comprises a lamp screen, a reflecting mirror, and a lamp module.
- [c16] 16. The image capture apparatus in claim 15, wherein said flash module is flashed by applying a current with high voltage to said lamp module full of Xe.
- [c17] 17. The image capture apparatus in claim 15, wherein said lamp screen refracts lights emitted by said lamp module and reflected by said reflecting mirror outside said flash module.
- [c18] 18. The image capture apparatus in claim 10, wherein said indicating apparatus is assembled in a digital camera for indicating operating conditions of said digital camera by varying a color or an amount of said at least one LED.
- [c19] 19. An indicating apparatus combined with a flash, comprising:
a flash module; and
at least one LED around said flash module for providing an illumination and
an indicating function.
- [c20] 20. The indicating apparatus in claim 19, wherein said indicating apparatus is assembled in a digital camera.